

Department of Energy
FY 1999 Budget Request to Congress
Statistical Table by Appropriation

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Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Discretionary Summary by Appropriation					
Energy and Water Development Appropriation Summary:					
Energy supply					
Operation and maintenance	898,748	935,412	955,182	1,013,317	1,120,276
Construction	7,000	8,800	10,625	10,625	8,766
Total, Energy supply	905,748	944,212	965,807	1,023,942	1,129,042
Uranium supply and enrichment					
Operation and maintenance	38,700	—	—	—	—
Construction	4,000	—	—	—	—
Total, Uranium supply and enrichment	42,700	—	—	—	—
Non-Defense environmental management					
Operation and maintenance	537,364	559,127	494,762	491,721	462,000
Construction	12,435	12,435	2,297	2,297	—
Total, Non-Defense environmental management ...	549,799	571,562	497,059	494,018	462,000
Uranium enrichment D&D fund	210,200	210,200	220,200	220,200	277,000
Science					
Operation and maintenance	2,026,063	2,033,433	2,097,211	2,097,211	2,292,340
Construction	233,241	233,241	138,497	138,497	190,120
Total, Science	2,259,304	2,266,674	2,235,708	2,235,708	2,482,460
Departmental administration	130,020	130,020	87,417	87,417	109,258
Office of the inspector general	23,853	23,853	27,500	27,500	29,500
Atomic energy defense activities:					
Weapons activities					
Operation and maintenance	3,593,155	3,593,155	3,689,197	3,689,197	3,984,935
Construction	318,043	318,043	457,495	457,495	515,065
Total, Weapons activities	3,911,198	3,911,198	4,146,692	4,146,692	4,500,000
Defense environmental restoration & waste management					
Operation and maintenance	5,390,818	4,180,901	4,264,383	4,131,435	3,980,434
Construction	217,024	217,024	165,055	165,055	279,469
Total, Defense environmental restoration & waste management	5,607,842	4,397,925	4,429,438	4,296,490	4,259,903
Defense facilities closure projects	—	862,454	890,800	995,885	1,006,240
Environmental management privatization	—	330,000	200,000	200,000	516,857

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Other defense activities					
Operation and maintenance	1,606,196	1,598,762	1,651,508	1,624,277	1,601,360
Construction	30,700	30,700	14,500	14,500	65,800
Total, Other defense activities	1,636,896	1,629,462	1,666,008	1,638,777	1,667,160
Defense nuclear waste disposal	200,000	200,000	190,000	190,000	190,000
Total, Atomic energy defense activities	11,355,936	11,331,039	11,522,938	11,467,844	12,140,160
Power marketing administrations:					
Alaska power administration	4,000	4,000	13,500	13,500	—
Southeastern power administration	16,359	16,359	12,222	12,222	8,500
Southwestern power administration	25,210	25,210	25,210	25,210	26,000
Western area power administration	186,004	186,004	194,635	194,635	215,435
Falcon & Amistad operating & maintenance fund	970	970	970	970	1,010
Colorado river basin	-10,000	-10,000	-16,098	-16,098	-16,098
Total, Power marketing administrations	222,543	222,543	230,439	230,439	234,847
Federal energy regulatory commission	—	—	—	—	-28,060
Nuclear waste disposal fund	182,000	182,000	156,000	156,000	190,000
Total, Energy and Water Development Appropriation	15,882,103	15,882,103	15,943,068	15,943,068	17,026,207
Interior and Related Agencies Appropriation					
Summary:					
Fossil energy research and development					
Fossil energy research and development	356,643	356,643	359,871	359,871	380,808
Fossil energy construction	2,000	2,000	2,532	2,532	2,600
Total, Fossil energy research and development	358,643	358,643	362,403	362,403	383,408
Alternative fuels production	-4,000	-4,000	-1,500	-1,500	-1,300
Naval petroleum and oil shale reserves	143,786	143,786	107,000	107,000	22,500
Elk Hills school lands fund	—	—	—	—	36,000
Energy conservation	533,506	533,506	591,112	591,112	773,500
Economic regulation	2,725	2,725	2,725	2,725	1,801
Strategic petroleum reserve	-10,918	-10,918	—	—	160,120
Energy information administration	66,120	66,120	66,800	66,800	70,500
Subtotal, Interior accounts	1,089,862	1,089,862	1,128,540	1,128,540	1,446,529
Clean coal technology	-2,121	-2,121	-101,000	-101,000	-40,000
Total, Interior and Related Agencies Appropriation ..	1,087,741	1,087,741	1,027,540	1,027,540	1,406,529
Other Accounts					
Uranium enrichment D&D fund discretionary payments	-376,648	-376,648	-388,000	-388,000	-398,088
Excess fees and recoveries, FERC	-46,049	-46,049	-22,000	-22,000	—
Total, Discretionary Funding	16,547,147	16,547,147	16,560,608	16,560,608	18,034,648

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Mandatory Funding					
Bonneville power administration					
New borrowing authority	221,000	221,000	202,000	202,000	118,000
Spending authority from offsetting collections	2,089,000	2,089,000	2,082,000	2,082,000	2,195,000
Offsetting collections	-2,294,000	-2,294,000	-2,309,000	-2,309,000	-2,359,000
Total, Bonneville power administration	16,000	16,000	-25,000	-25,000	-46,000
Payments to states	2,489	2,489	2,489	2,489	-46,000
Deductions for offsetting receipts					
Intrafund transaction — earnings on investments					
Nuclear waste disposal fund	-471,197	-471,197	-450,450	-450,450	-506,710
Decontamination and decommissioning fund	-36,998	-36,998	-55,893	-55,893	-73,238
Total, Intrafund transactions	-508,195	-508,195	-506,343	-506,343	-579,948
Proprietary receipts from the public					
Proceeds from sale of excess DOE assets	-26,072	-26,072	-15,000	-15,000	—
Uranium programs	—	—	-31,000	-31,000	—
Proceeds from uranium sales	-40,140	-40,140	-69,000	-69,000	—
Oil and gas sale proceeds at the NPRs	-516,235	-516,235	-174,800	-174,800	—
Elk Hills school lands funds	—	—	-324,000	-324,000	-728,000
Nuclear waste fund — kWh fee	-595,903	-595,903	-601,663	-601,663	-625,272
Power marketing administrations:					
Alaska power administration	-8,587	-8,587	-6,499	-6,499	—
Bonneville power administration					
Repayments on misc. recoverable costs	-64,474	-64,474	-36,000	-36,000	-12,000
Sale of electric energy, reclamation fund	-43,267	-43,267	-47,000	-47,000	-36,000
Total, Bonneville power administration	-107,741	-107,741	-83,000	-83,000	-48,000
Southeastern power administration	-153,752	-153,752	-145,259	-145,259	-170,264
Southwestern power administration	-102,400	-102,400	-95,336	-95,336	-93,215
Western area power administration					
Sale of power & other utilities					
Reclamation fund	-311,633	-311,633	-304,890	-304,890	-309,306
Not otherwise classified	-92,709	-92,709	-42,500	-42,500	-42,500
Total, Sale of power & other utilities	-404,342	-404,342	-347,390	-347,390	-351,806
Falcon & Amistad O&M fund					
Receipts	-3,821	-3,821	-3,562	-3,562	-3,562
Transfer to general fund	2,633	2,633	2,400	2,400	2,400
Total, Falcon & Amistad O&M fund	-1,188	-1,188	-1,162	-1,162	-1,162
Total, Power marketing administrations	-778,010	-778,010	-678,646	-678,646	-664,447
Total, Proprietary receipts from the public	-1,956,360	-1,956,360	-1,894,109	-1,894,109	-2,017,719
Total, Deductions for offsetting receipts	-2,464,555	-2,464,555	-2,400,452	-2,400,452	-2,597,667
Total, Mandatory Funding	-2,446,066	-2,446,066	-2,422,963	-2,422,963	-2,689,667
Total, Department of Energy	14,101,081	14,101,081	14,137,645	14,137,645	15,344,981

Account Title	FY 1997	FY 1997	FY 1998	FY 1998	FY 1999
	Current Approp.	Comparable Approp.	Current Approp.	Comparable Approp.	Request to Congress
Mandatory Funding, Undistributed by Agency					
Sale of major assets					
Proceeds from the sale of Alaska Power Admin .	—	—	-85,000	-85,000	—
Privatization of Elk Hills	—	—	-2,415,000	-2,415,000	-728,000
Total, Mandatory Funding, Undistributed by Agency	—	—	-2,500,000	-2,500,000	-728,000

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Energy Supply					
Solar and Renewable Resources Technologies					
Solar Energy					
Solar building technology research	2,277	2,277	2,658	2,658	5,000
Photovoltaic					
Photovoltaic energy systems	59,210	59,210	65,498	65,498	78,800
Photovoltaic energy research (ER)	—	—	2,274	2,274	2,883
Total, Photovoltaic	59,210	59,210	67,772	67,772	81,683
Solar thermal energy systems	21,924	21,924	16,519	16,519	22,500
Biomass					
Biomass/biofuels energy systems					
Operation and maintenance	—	—	—	—	—
Power systems	27,162	27,162	28,164	28,164	42,900
Transportation	27,165	27,165	30,676	30,676	46,891
Total, Biomass/biofuels energy systems	54,327	54,327	58,840	58,840	89,791
Biomass/biofuels energy research (ER)	—	—	38,635	38,635	27,199
Total, Biomass	54,327	54,327	97,475	97,475	116,990
Wind					
Wind energy systems	28,646	28,646	32,527	32,527	43,500
Wind energy research (ER)	—	—	295	295	283
Total, Wind	28,646	28,646	32,822	32,822	43,783
Renewable energy production incentive program	2,000	2,000	2,954	2,954	4,000
Solar program support	—	—	—	—	14,000
International solar energy program	661	661	1,375	1,375	8,800
Solar technology transfer	—	—	—	—	1,360
National renewable energy laboratory					
Operation and maintenance	500	500	1,000	1,000	5,000
Construction:					
96-E-100 FTLB renovation and expansion, Golden, CO	2,800	2,800	2,200	2,200	—
Total, Construction	2,800	2,800	2,200	2,200	—
Total, National renewable energy laboratory	3,300	3,300	3,200	3,200	5,000
Solar photoconversion (ER)	—	—	—	—	14,532
Total, Solar Energy	172,345	172,345	224,775	224,775	317,648
Geothermal	29,630	29,630	29,051	29,051	33,000

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Hydrogen					
Hydrogen research	14,809	14,809	16,003	16,003	24,000
Hydrogen energy research (ER)	—	—	3,100	3,100	3,008
Total, Hydrogen	14,809	14,809	19,103	19,103	27,008
 Hydropower					
Renewable Indian energy resources	973	973	739	739	4,000
Total, Hydropower	4,000	4,000	3,939	3,939	—
 Electric energy systems and storage					
Electric & magnetic fields research and develop ..	7,906	7,906	6,893	6,893	—
High temperature superconducting R&D	19,518	19,518	32,005	32,005	32,000
Energy storage systems	3,954	3,954	3,890	3,890	6,000
Climate challenge	—	—	—	—	500
Total, Electric energy systems and storage	31,378	31,378	42,788	42,788	38,500
 Federal building/Remote power initiative					
Program direction	—	—	4,924	4,924	—
Total, Solar and Renewable Resources Technologies	13,052	13,052	15,651	15,651	17,000
Total, Solar and Renewable Resources Technologies	266,187	266,187	340,970	340,970	437,156
 Nuclear Energy					
Nuclear energy research and development					
Light water reactor	36,993	36,993	—	—	—
Advanced radioisotope power system	36,662	36,662	40,034	40,034	40,500
Nuclear technology research and development ..	19,475	19,475	—	20,000	25,000
 Test reactor area landlord					
Operation and maintenance	2,000	2,000	2,914	2,914	4,634
Construction:					
99-E-200 Test reactor area electrical utility upgrade, Idaho National Engineering Laboratory, ID	—	—	—	—	341
95-E-201 Test reactor area fire and life safety improvements, Idaho National Engineering Laboratory, ID	1,000	1,000	4,425	4,425	2,425
Total, Test reactor area landlord	3,000	3,000	7,339	7,339	7,400
 Advanced test reactor fusion irradiation					
University reactor fuel assistance and support ...	757	757	—	—	—
Nuclear energy research initiative	4,000	4,000	7,000	7,000	10,000
Total, Nuclear energy research and development ...	—	—	—	—	24,000
Facilities	100,887	100,887	54,373	74,373	106,900
	—	110,689	—	99,053	96,150

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Termination costs					
Operation and maintenance	108,489	—	76,149	—	—
Construction:					
97-E-200 Modifications to reactors, sodium system drain and closure, Argonne National Laboratory—West, ID	1,200	—	—	—	—
97-E-201 Modifications to reactors, hot fuel examination facility equipment upgrades, Argonne National Laboratory—West, ID	1,000	—	—	—	—
Total, Construction	2,200	—	—	—	—
Total, Termination costs	110,689	—	76,149	—	—
Uranium programs					
Operation and maintenance	—	52,466	60,857	60,857	66,700
Construction					
98-U-200 UF6 cylinder storage yards, Paducah, KY	—	—	400	400	—
96-U-201 DUF6 cylinder storage yards, Paducah, KY gaseous diffusion plants	—	4,000	2,600	2,600	—
Total, Construction	—	4,000	3,000	3,000	—
Total, Uranium programs	—	56,466	63,857	63,857	66,700
Isotope support					
Operation and maintenance	12,704	11,704	19,473	19,473	16,450
Construction:					
99-E-201 Isotope production facility, LANL	—	—	—	—	6,000
Total, Isotope support	12,704	11,704	19,473	19,473	22,450
Nuclear energy plant optimization	—	—	—	—	10,000
Program direction	14,054	19,054	21,000	21,000	23,550
Total, Nuclear Energy	238,334	298,800	234,852	277,756	325,750
Environment, Safety and Health					
Office of environment, safety and health (non-defense)	46,703	43,900	41,718	41,718	37,602
Program direction	37,300	43,237	23,550	38,781	38,398
Total, Environment, Safety and Health	84,003	87,137	65,268	80,499	76,000
Energy Research					
Fusion energy sciences					
Research	226,819	219,449	229,656	229,656	228,160

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Technical Information Management					
Technical information management program					
Operation and maintenance	2,300	2,300	1,600	1,600	2,340
Construction	1,000	1,000	1,000	1,000	—
Total, Technical information management program .	3,300	3,300	2,600	2,600	2,340
Program direction	8,700	8,700	7,500	7,500	7,500
Total, Technical Information Management	12,000	12,000	10,100	10,100	9,840
Field Offices and Management					
Oak Ridge Landlord	98,400	98,400	95,000	95,000	104,541
AVLIS Development and Demonstration Program ...	11,484	11,484	9,500	9,500	12,500
Subtotal, Energy supply	—	—	60,000	60,000	—
	937,227	993,457	1,045,346	1,103,481	1,193,947
Adjustments:					
Use of prior year balances	-30,222	-47,988	-32,339	-32,339	-17,000
Project overrun reserve	-1,257	-1,257	-2,896	-2,896	—
Renewable energy research program	—	—	-44,304	-44,304	-47,905
Total, Adjustments	-31,479	-49,245	-79,539	-79,539	-64,905
Total, Energy Supply	905,748	944,212	965,807	1,023,942	1,129,042
Uranium Supply and Enrichment Activities					
Operation and maintenance	52,466	—	—	—	—
Construction:					
96-U-201 DUF6 cylinder storage yards, Paducah, KY, gaseous diffusion plant	4,000	—	—	—	—
Program direction	4,000	—	—	—	—
Subtotal, Uranium supply and enrichment activities	60,466	—	—	—	—
Use of prior year balances	-17,766	—	—	—	—
Total, Uranium Supply and Enrichment Activities	42,700	—	—	—	—
Non-defense Environmental Management					
Site closure	—	266,684	—	269,911	254,344
Site/project completion					
Operation and maintenance	—	130,957	—	113,553	97,248
Construction:					
93-E-900 Long-term storage of TMI-2 fuel, INEL	—	6,571	—	397	—
91-E-600 Rehabilitation of waste management building 306, ANL	—	2,066	—	—	—
Total, Construction	—	8,637	—	397	—
Total, Site/project completion	—	139,594	—	113,950	97,248

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Post 2006 completion					
Operation and maintenance	—	155,680	—	80,394	83,908
Construction:					
94-E-602 Bethel Valley federal facility agreement upgrades, ORNL	—	1,106	—	1,900	—
88-R-830 Liquid low-level waste collection and transfer systems upgrade, ORNL	—	2,692	—	—	—
Total, Construction	—	3,798	—	1,900	—
Total, Post 2006 completion	—	159,478	—	82,294	83,908
Science and technology	—	17,463	—	27,863	26,500
Environmental restoration	326,697	—	272,249	—	—
Waste management					
Operation and maintenance	177,994	—	151,473	—	—
Construction:					
94-E-602 Bethel Valley federal facility agreement upgrades, ORNL	1,106	—	1,900	—	—
93-E-900 Long-term storage of TMI-2 fuel, INEL	—	—	397	—	—
91-E-600 Rehabilitation of waste management building 306, ANL	2,066	—	—	—	—
88-R-830 Liquid low-level waste collection and transfer systems upgrade	2,692	—	—	—	—
Total, Construction	5,864	—	2,297	—	—
Total, Waste management	183,858	—	153,770	—	—
Nuclear material and facility stabilization					
Operation and maintenance	44,330	—	71,040	—	—
Construction:					
93-E-900 Long-term storage of TMI-2 fuel, INEL	6,571	—	—	—	—
Total, Nuclear material & facility stabilization	50,901	—	71,040	—	—
Subtotal, Non-Defense environmental management ...	561,456	583,219	497,059	494,018	462,000
Use of prior year balances	-11,341	-11,341	—	—	—
Project overrun reserve	-316	-316	—	—	—
Total, Non-defense Environmental Management	549,799	571,562	497,059	494,018	462,000

**Uranium Enrichment Decontamination and
Decommissioning Fund**

UE Decontamination and Decommissioning Fund ..	210,200	210,200	220,200	220,200	277,000
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Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Science					
High energy physics					
Research and technology	207,364	207,364	209,898	209,898	213,365
Facility operations					
Operation and maintenance	350,806	350,806	418,945	418,945	456,635
Construction:					
99-G-306 Wilson hall safety improvements, Fermilab	—	—	—	—	6,700
98-G-304 Neutrinos at the main injector, Fermilab	—	—	5,500	5,500	14,300
98-G-305 C-zero area experimental hall, Fermilab	—	—	5,000	5,000	—
97-G-303 Master substation upgrade, SLAC	3,000	3,000	9,400	9,400	—
94-G-304 B-Factory, SLAC	45,000	45,000	—	—	—
92-G-302 Fermilab main injector, Fermilab	52,000	52,000	30,950	30,950	—
Total, Construction	100,000	100,000	50,850	50,850	21,000
Total, Facility operations	450,806	450,806	469,795	469,795	477,635
Total, High energy physics	658,170	658,170	679,693	679,693	691,000
Nuclear physics					
Operation and maintenance	245,000	245,000	261,338	261,338	315,980
Construction:					
91-G-300 Relativistic heavy ion collider, BNL ..	65,000	65,000	59,400	59,400	16,620
Total, Nuclear physics	310,000	310,000	320,738	320,738	332,600
Biological and environmental research					
Research	344,060	344,060	405,867	405,867	392,600
Construction:					
94-E-339 Human genome lab, LBNL	1,000	1,000	—	—	—
91-EM-100 Environmental & molecular sciences laboratory, PNNL, Richland, WA ...	35,113	35,113	—	—	—
Total, Construction	36,113	36,113	—	—	—
Total, Biological and environmental research	380,173	380,173	405,867	405,867	392,600

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Basic energy sciences					
Research					
Materials sciences	332,384	368,468	391,046	391,046	417,216
Chemical sciences	166,557	194,537	200,653	200,653	209,582
Applied mathematical sciences	—	—	—	—	44,413
Engineering and geosciences	40,022	40,933	41,194	41,194	32,489
Energy biosciences	27,448	27,283	27,422	27,422	—
Related capital funding					
Capital equipment	45,695	—	—	—	—
GPE-400 General plant projects	9,275	—	—	—	—
95-E-305 Accelerator and reactor improvements	9,840	—	—	—	—
Total, Related capital funding	64,810	—	—	—	—
Total, Research	631,221	631,221	660,315	660,315	703,700
Construction:					
99-E-334 Spallation Neutron Source, ORNL	—	—	—	—	128,400
97-E-305 Accelerator and reactor improvements	2,500	2,500	—	—	—
96-E-300 Combustion research facility, Phase II, SNL/L	9,000	9,000	7,000	7,000	4,000
Total, Construction	11,500	11,500	7,000	7,000	132,400
Total, Basic energy sciences	642,721	642,721	667,315	667,315	836,100
Computational and technology research	149,868	157,238	150,576	150,576	160,640
Energy research analyses	1,955	1,955	1,472	1,472	1,000
Multiprogram energy labs — facility support					
Infrastructure support	—	—	—	—	1,160
Construction					
MEL-001 Multiprogram energy laboratory infrastructure projects, various locations	—	—	7,259	7,259	14,924
Multiprogram general purpose facilities					
Construction:					
95-E-301 Central heating plant rehabilitation, phase I (ANL)	2,500	2,500	3,442	3,442	—
95-E-303 Electrical safety rehab (PNNL)	1,500	1,500	—	—	—
95-E-310 Multiprogram laboratory rehabilitation, phase I (PNNL)	2,960	2,960	—	—	—
94-E-363 Roofing improvements (ORNL)	—	—	3,987	3,987	4,908

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
87-R-759 Upgrade steam distribution system (OR)	168	168	—	—	—
Total, Multiprogram general purpose facilities ...	7,128	7,128	7,429	7,429	4,908
Multiprogram energy labs—environment, safety and health					
Construction:					
96-E-333 Multiprogram energy laboratories upgrades, various locations	6,924	6,924	5,273	5,273	268
95-E-307 Fire safety improvements, phase III (ANL)	1,000	1,000	718	718	—
95-E-308 Sanitary system modifications, phase II (BNL)	1,032	1,032	568	568	—
95-E-309 Loss prevention upgrades (BNL)	4,320	4,320	—	—	—
93-E-320 Fire and safety improvements, phase II (ANL)	224	224	—	—	—
Total, Construction	13,500	13,500	6,559	6,559	268
Total, Environment, safety and health	13,500	13,500	6,559	6,559	268
Total, Multiprogram energy laboratories — facility support	20,628	20,628	21,247	21,247	21,260
University and science education programs					
Laboratory cooperative science centers	—	—	—	—	15,000
University programs	—	—	—	—	—
Total, University and science education programs ...	—	—	—	—	15,000
Program direction	30,600	40,600	37,600	37,600	39,860
General science program direction	10,000	—	—	—	—
Small business innovation research (SBIR)	79,266	79,266	—	—	—
Subtotal, Science	2,283,381	2,290,751	2,284,508	2,284,508	2,490,060
Use of prior year balances	-23,154	-23,154	-13,800	-13,800	—
Use of prior year SSC balances	—	—	-35,000	-35,000	-7,600
Project overrun reserve	-923	-923	—	—	—
Total, Science	2,259,304	2,266,674	2,235,708	2,235,708	2,482,460

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Departmental Administration					
Administrative operations					
Office of the Secretary—salaries and expenses .. .	2,852	2,852	4,123	4,123	4,251
General management—personnel compensation and benefits .. .	108,195	108,195	101,695	101,695	106,210
General management—other expenses .. .	74,900	74,900	73,000	73,000	77,578
Program support					
Minority economic impact .. .	1,500	1,500	1,650	1,650	1,880
Policy analysis and system studies .. .	500	500	500	500	500
Consumer affairs .. .	40	40	40	40	19
Public affairs .. .	50	50	50	50	38
Environmental policy studies .. .	2,500	2,500	1,750	1,750	2,500
Scientific and technical training .. .	500	500	500	500	500
Information management .. .	—	—	6,000	6,000	8,000
Total, Program support .. .	5,090	5,090	10,490	10,490	13,437
Total, Administrative operations .. .	191,037	191,037	189,308	189,308	201,476
Cost of work for others .. .	26,336	26,336	32,062	32,062	44,312
Subtotal, Departmental Administration (gross) .. .	217,373	217,373	221,370	221,370	245,788
Adjustments:					
Use of unobligated balances and other adjustments .. .	-2,352	-2,352	-2,623	-2,623	—
Project overrun reserve .. .	-4	-4	—	—	—
Total, Adjustments .. .	-2,356	-2,356	-2,623	-2,623	—
Total, Departmental administration (gross) .. .	215,017	215,017	218,747	218,747	245,788
Miscellaneous revenues .. .	-84,997	-84,997	-131,330	-131,330	-136,530
Total, Departmental Administration (net) .. .	130,020	130,020	87,417	87,417	109,258
Office of Inspector General					
Office of inspector general .. .	24,750	24,750	27,500	27,500	29,500
Use of prior year balances .. .	-897	-897	—	—	—
Total, Office of Inspector General .. .	23,853	23,853	27,500	27,500	29,500

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Atomic Energy Defense Activities					
Weapons Activities					
Stockpile stewardship					
Core stockpile stewardship					
Operation and maintenance	1,132,570	1,132,570	1,281,104	1,281,104	1,505,832
Construction:					
99-D-102 Rehabilitation of maintenance facility, LLNL Livermore, CA	—	—	—	—	6,500
99-D-103 Isotope sciences facility, LLNL Livermore, CA	—	—	—	—	4,000
99-D-104 Protection of real property (roof reconstruction, Phase II), LLNL, Livermore, CA	—	—	—	—	7,300
99-D-105 Central health physics calibration facility, LANL, Los Alamos, NM	—	—	—	—	3,900
99-D-106 Model validation & system certification test center, SNL Albuquerque, NM	—	—	—	—	1,600
99-D-107 Joint computational engineering laboratory, JCEL, SNL, Albuquerque, NM ..	—	—	—	—	1,800
99-D-108 Renovate existing roadways, Nevada Test Site, NV	—	—	—	—	2,000
97-D-102 Dual-axis radiographic hydrotest facility, LANL, Los Alamos, NM	—	—	46,300	46,300	36,000
96-D-102 Stockpile stewardship facilities revitalization, Phase VI, various locations ..	19,250	19,250	19,810	19,810	20,423
96-D-103 ATLAS, Los Alamos National Laboratory, Los Alamos, NM	15,100	15,100	13,400	13,400	6,400
96-D-104 Processing and environmental technology laboratory, SNL, Albuquerque, NM	14,100	14,100	—	—	18,920
96-D-105 Contained firing facility addition, LLNL, Livermore, CA	17,100	17,100	19,300	19,300	6,700
95-D-102 Chemistry and metallurgy research (CMR) upgrades project, LANL, Los Alamos, NM	15,000	15,000	—	—	—

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
94-D-102 Nuclear weapons research, development and testing facilities revitalization, Phase V, various locations ..	7,787	7,787	—	—	—
88-D-106 Nuclear weapons research, development and testing facilities revitalization, Phase II, various locations ..	3,400	3,400	—	—	—
Total, Construction	91,737	91,737	98,810	98,810	115,543
Total, Core stockpile stewardship	1,224,307	1,224,307	1,379,914	1,379,914	1,621,375
Inertial fusion					
Operation and maintenance	234,560	234,560	215,654	215,654	213,800
Construction:					
96-D-111 National ignition facility site, TBD	131,900	131,900	197,800	197,800	284,200
Total, Inertial fusion	366,460	366,460	413,454	413,454	498,000
Technology partnerships/education					
Technology partnership	59,400	59,400	55,901	55,901	60,000
Education	10,000	10,000	8,944	8,944	9,000
Total, Technology partnership/education	69,400	69,400	64,845	64,845	69,000
Total, Stockpile stewardship	1,660,167	1,660,167	1,858,213	1,858,213	2,188,375
Stockpile management					
Operation and maintenance	1,834,470	1,834,470	1,880,202	1,880,202	1,935,803
Construction:					
99-D-122 Rapid reactivation, various locations	—	—	—	—	11,200
99-D-123 Replace mechanical utility systems, Y-12, Oak Ridge, TN	—	—	—	—	1,900
99-D-125 Replace boilers & controls Kansas City Plant, Kansas City, MO	—	—	—	—	1,000
99-D-127 Stockpile management restructuring initiative, Kansas City plant, Kansas City, MO ..	—	—	—	—	13,700
99-D-128 Stockpile management restructuring initiative Pantex consolidation, Amarillo, TX ...	—	—	—	—	1,108
99-D-132 SMRI nuclear material safeguards and security upgrade project, LANL, Los Alamos, NM	—	—	—	—	9,700
98-D-123 Stockpile management restructuring initiative, Tritium factory modernization and consolidation, Savannah River, SR	—	—	11,000	11,000	27,500

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
98-D-124 Stockpile management restructuring initiative Y-12 consolidation, Oak Ridge, TN ..	—	—	6,450	6,450	10,700
98-D-125 Tritium extraction facility, Savannah River, SC	—	—	9,650	9,650	—
98-D-126 Accelerator production of tritium, various locations	—	—	67,865	67,865	—
97-D-121 Consolidated pit packaging system, Pantex plant, Amarillo, TX	870	870	—	—	—
97-D-122 Nuclear materials storage facility renovation, LANL, Los Alamos, NM	4,000	4,000	9,200	9,200	9,164
97-D-123 Structural upgrades, Kansas City plant, Kansas City, KS	1,400	1,400	—	—	6,400
97-D-124 Steam plant waste water treatment facility upgrade, Y-12 plant, Oak Ridge, TN ..	600	600	1,900	1,900	—
96-D-122 Sewage treatment quality upgrade (STQU), Pantex plant, Amarillo, TX	100	100	6,900	6,900	3,700
96-D-123 Retrofit HVAC and chillers for ozone protection, Y-12 plant, Oak Ridge, TN	7,000	7,000	2,700	2,700	—
96-D-125 Washington aerial measurements operations facility, Andrews Air Force Base, Camp Springs, MD	3,825	3,825	—	—	—
95-D-102 Chemistry and metallurgy research (CMR) upgrades project, LANL, Los Alamos, NM	—	—	5,000	5,000	16,000
95-D-122 Sanitary sewer upgrade, Y-12 plant, Oak Ridge, TN	10,900	10,900	12,600	12,600	—
94-D-124 Hydrogen fluoride supply system, Y-12 plant, Oak Ridge, TN	4,900	4,900	1,400	1,400	—
94-D-125 Upgrade life safety, Kansas City plant, Kansas City, MO	5,200	5,200	2,000	2,000	—
94-D-127 Emergency notification system, Pantex plant, Amarillo, TX	2,200	2,200	—	—	—
93-D-122 Life safety upgrades, Y-12 plant, Oak Ridge, TN	7,200	7,200	2,100	2,100	3,250

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
93-D-123 Non-nuclear reconfiguration, various locations	14,487	14,487	—	—	—
92-D-126 replace emergency notification system, various locations	—	—	3,200	3,200	—
88-D-122 Facilities capability assurance program (FCAP), various locations	21,940	21,940	18,920	18,920	—
88-D-123 Security enhancement, Pantex plant, Amarillo, TX	9,739	9,739	—	—	—
82-D-109 155mm Artillery fired atomic projectile production facility, Y-12 plant, Oak Ridge, TN	2	2	—	—	—
78017D, Steam plant improvements, Y-12 plant, Oak Ridge, TN	43	43	—	—	—
Total, Construction	94,406	94,406	160,885	160,885	115,322
Total, Stockpile management	1,928,876	1,928,876	2,041,087	2,041,087	2,051,125
Program direction	325,600	325,600	250,000	250,000	260,500
Subtotal, Weapons activities	3,914,643	3,914,643	4,149,300	4,149,300	4,500,000
Use of prior year balances	-1,802	-1,802	-2,608	-2,608	—
Project overrun reserve	-740	-740	—	—	—
Other costs and credits	-903	-903	—	—	—
Total, Weapons Activities	3,911,198	3,911,198	4,146,692	4,146,692	4,500,000

Defense Environmental Restoration & Waste Management

Site/project completion

Operation and maintenance

925,453

863,792

848,090

Construction:

99-D-402 Tank farm support services, F&H
area, Savannah River Site, Aiken, SC

—

2,745

99-D-404 Health physics instrumentation
laboratory, INEL, ID

—

950

98-D-401 H-tank farm storm water systems
upgrade, Savannah River, SC

—

1,000

3,120

98-D-453 Plutonium stabilization and handling
system for PFP, Richland, WA

—

8,136

26,814

98-D-700 INEL road rehabilitation, INEL, ID ..

—

500

7,710

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
97-D-450 Actinide packaging and storage facility, Savannah River Site, Aiken, SC	—	7,900	—	18,000	79,184
97-D-451 B-Plant safety class ventilation upgrades, Richland, WA	—	1,917	—	2,000	—
97-D-470 Regulatory monitoring and bioassay lab, Savannah River Site, Aiken, SC	—	2,500	—	5,600	7,000
97-D-473 Health physics site support facility, Savannah River, Aiken, SC	—	2,000	—	—	—
96-D-406 Spent nuclear fuels canister storage and stabilization facility, Richland, WA	—	60,672	—	16,744	38,680
96-D-408 Waste management upgrades, Kansas City Plant and SR	—	7,217	—	3,800	4,512
96-D-461 Electrical distribution upgrade, Idaho National Engineering Laboratory, ID	—	6,790	—	2,927	—
96-D-464 Electrical & utility systems upgrade, Idaho Chemical Processing Plant, Idaho National Engineering Laboratory, ID	—	10,440	—	14,985	11,544
96-D-471 CFC HVAC/chiller retrofit, Savannah River Site, Aiken, SC	—	8,541	—	8,500	8,000
95-D-155 Upgrade site road infrastructure, Savannah River, South Carolina	—	4,137	—	2,713	—
95-D-158 Disassembly basin upgrades, K.L.P., Savannah River, SC	—	6,300	—	—	—
95-D-456 Security facilities consolidation, Idaho Chemical Processing Plant, INEL, ID ..	—	4,645	—	602	485
94-D-401 Emergency response facility, INEL, ID	—	547	—	—	—
92-D-140 F&H canyon exhaust upgrades Savannah River, SC	—	—	—	—	3,667
92-D-172 Hazardous waste treatment and processing facility, Pantex Plant	—	—	—	5,000	—
92-D-181 Idaho national engineering laboratory fire and safety improvements, INEL, ID	—	500	—	—	—

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
86-D-103 Decontamination and waste treatment facility, LLNL, Livermore, CA	—	10,000	—	11,250	4,752
Total, Construction	—	134,106	—	101,757	199,163
Total, Site/project completion	—	1,059,559	—	965,549	1,047,253
Post 2006 completion					
Operation and maintenance	—	2,683,379	—	2,683,589	2,592,195
Construction:					
99-D-403 Privatization phase I infrastructure support, Richland, WA	—	—	—	—	14,800
97-D-402 Tank farm restoration and safe operations, Richland, WA	—	7,584	—	13,961	22,723
96-D-408 Waste management upgrades, Richland, WA	—	6,129	—	4,400	171
95-D-402 Install permanent electrical service, WIPP, AL	—	752	—	176	—
95-D-405 Industrial landfill V and construction demolition landfill VII, Y-12 Plant, Oak Ridge, TN	—	200	—	3,800	—
95-D-407 219-S Secondary containment upgrade, Richland, WA	—	—	—	2,500	—
95-D-408 Phase II liquid effluent treatment and disposal, RL	—	400	—	—	—
95-E-600 Hazardous materials training center, Richland, WA	—	7,650	—	—	—
94-D-404 Melton Valley storage tank capacity increase, ORNL	—	6,345	—	1,219	—
94-D-407 Initial tank retrieval systems, Richland, WA	—	7,600	—	15,100	32,860
93-D-182 Replacement of cross-site transfer system, Richland, WA	—	8,100	—	—	—
93-D-187 High-level waste removal from filled waste tanks, Savannah River, SC	—	20,000	—	17,520	10,702
89-D-173 Tank farm ventilation upgrade, Richland, WA	—	6,658	—	—	—

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
89-D-174 Replacement high level waste evaporator Savannah River, SC	—	11,500	—	4,622	—
Total, Construction	—	82,918	—	63,298	81,256
Total, Post 2006 completion	—	2,766,297	—	2,746,887	2,673,451
Science and technology	—	334,456	—	246,459	193,000
Program direction	—	411,011	—	345,000	346,199
Environmental restoration	1,759,425	—	1,002,713	—	—
Waste management					
Operation and maintenance	1,492,820	—	1,469,010	—	—
Construction:					
98-D-401 H-tank farm storm water systems upgrade, Savannah River, SC	—	—	1,000	—	—
97-D-402 Tank farm restoration and safe operations, Richland, WA	7,584	—	13,961	—	—
96-D-408 Waste management upgrades, various locations	13,346	—	8,200	—	—
95-D-402 Install permanent electrical service, WIPP, AL	752	—	176	—	—
95-D-405 Industrial landfill V and construction/demolition landfill VII, Y-12 Plant, Oak Ridge, TN	200	—	3,800	—	—
95-D-407 219-S Secondary containment upgrade, Richland, WA	—	—	2,500	—	—
95-D-408 Phase II liquid effluent treatment and disposal, RL	400	—	—	—	—
94-D-404 Melton Valley storage tank capacity increase, ORNL	6,345	—	1,219	—	—
94-D-407 Initial tank retrieval systems, Richland, WA	7,600	—	15,100	—	—
93-D-182 Replacement of cross-site transfer system, Richland, WA	8,100	—	—	—	—
93-D-187 High-level waste removal from filled waste tanks, Savannah River, SC	20,000	—	17,520	—	—
92-D-172 Hazardous waste treatment and processing facility, Pantex Plant	—	—	5,000	—	—

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
89-D-173 Tank farm ventilation upgrade, Richland, WA	6,658	—	—	—	—
89-D-174 Replacement high level waste evaporator, Savannah River, SC	11,500	—	4,622	—	—
86-D-103 Decontamination and waste treatment facility, LLNL, Livermore, CA	10,000	—	11,250	—	—
Total, Construction	<u>92,485</u>	<u>—</u>	<u>84,348</u>	<u>—</u>	<u>—</u>
Total, Waste management	<u>1,585,475</u>	<u>—</u>	<u>1,553,358</u>	<u>—</u>	<u>—</u>
Technology development	291,120	—	220,000	—	—
Program direction	411,011	—	345,000	—	—
Nuclear material and facility stabilization					
Operation and maintenance	1,180,716	—	1,161,005	—	—
Construction:					
98-D-453 Plutonium stabilization and handling system for PFP, Richland, WA	—	—	8,136	—	—
98-D-700 INEL road rehabilitation, INEL, ID ..	—	—	500	—	—
97-D-450 Actinide packaging and storage facility, Savannah River Site, Aiken, SC	7,900	—	18,000	—	—
97-D-451 B-Plant safety class ventilation upgrades, Richland, WA	1,917	—	2,000	—	—
97-D-470 Environmental monitoring laboratory, Savannah River Site, Aiken, SC	2,500	—	5,600	—	—
97-D-473 Health physics site support facility, Savannah River, Aiken, SC	2,000	—	—	—	—
96-D-406 Spent nuclear fuels canister storage and stabilization facility, Richland, WA	60,672	—	16,744	—	—
96-D-461 Electrical distribution upgrade, Idaho National Engineering Laboratory, ID	6,790	—	2,927	—	—
96-D-464 Electrical & utility systems upgrade, Idaho Chemical Processing Plant, Idaho National Engineering Laboratory, ID	10,440	—	14,985	—	—
96-D-471 CFC HVAC/chiller retrofit, Savannah River Site, Aiken, SC	8,541	—	8,500	—	—

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
95-E-600 Hazardous waste materials training center, Richland, WA	7,650	—	—	—	—
95-D-155 Upgrade site road infrastructure, Savannah River, South Carolina	4,137	—	2,713	—	—
95-D-158 Disassembly basin upgrades, K.L.P., Savannah River, SC	6,300	—	—	—	—
95-D-456 Security facilities consolidation, Idaho Chemical Processing Plant, INEL, ID ..	4,645	—	602	—	—
94-D-401 Emergency response facility, INEL, ID	547	—	—	—	—
92-D-181 Idaho national engineering laboratory fire and life safety improvements, INEL, ID	500	—	—	—	—
Total, Construction	124,539	—	80,707	—	—
Total, Nuclear material and facility stabilization	1,305,255	—	1,241,712	—	—
Policy and management	23,155	—	19,738	—	—
Environmental science program	60,799	—	54,322	—	—
Environmental management privatization	170,000	—	—	—	—
Closure projects	15,000	—	—	—	—
Def. EM Privatization init. (Fixed asset acq.)	160,000	—	—	—	—
Subtotal, Defense environmental restoration & waste	5,781,240	4,571,323	4,436,843	4,303,895	4,259,903
Savannah river pension refund	-8,000	-8,000	—	—	—
Use of prior year balances	-165,398	-165,398	-7,405	-7,405	—
Total, Defense Environmental Restoration & Waste Mgmt.	5,607,842	4,397,925	4,429,438	4,296,490	4,259,903

Defense Facilities Closure Projects

Site closure	—	862,454	890,800	995,885	1,006,240
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Defense Environmental Management Privatization

Privatization initiatives, various locations	—	330,000	200,000	200,000	516,857
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Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Other Defense Activities					
Nonproliferation and national security					
Verification and control technology					
Nonproliferation and verification R&D	206,677	206,677	210,000	210,000	210,000
Arms control	216,244	216,244	234,600	234,600	256,900
Intelligence	34,090	30,857	33,600	33,600	33,600
Total, Verification and control technology	457,011	453,778	478,200	478,200	500,500
Nuclear safeguards and security	47,208	47,208	47,200	47,200	53,200
Security investigations	20,000	20,000	30,000	30,000	30,000
Emergency management	16,794	20,027	20,000	20,000	23,700
Program direction	88,122	86,282	82,900	82,900	88,900
Total, Nonproliferation and national security	629,135	627,295	658,300	658,300	696,300
Worker and community transition					
Worker and community transition	57,659	57,659	57,659	57,659	41,000
Program direction	4,841	4,841	3,500	3,500	4,000
Total, Worker and community transition	62,500	62,500	61,159	61,159	45,000
Fissile materials control and disposition					
Operation and maintenance	83,163	83,163	99,451	99,451	111,372
Construction					
99-D-141 Pit disassembly and conversion					
Facility, Various locations	—	—	—	—	25,000
99-D-143 Mixed oxide fuel fabrication facility, Various locations	—	—	—	—	28,000
97-D-140 Consolidated special nuclear materials storage plant, site TBD	17,000	17,000	—	—	—
Total, Construction	17,000	17,000	—	—	53,000
Program direction	3,633	3,633	4,345	4,345	4,588
Total, Fissile materials control and disposition	103,796	103,796	103,796	103,796	168,960
Environment, safety & health					
Office of environment, safety and health (defense)	68,094	66,597	74,000	74,000	69,231
Program direction	10,706	4,769	20,000	4,769	4,769
Total, Environment, safety and health	78,800	71,366	94,000	78,769	74,000
Office of hearings and appeals	—	1,840	2,300	2,300	2,400
Nuclear Energy					
Nuclear technology research and development ..	—	—	12,000	—	—
International nuclear safety	81,000	79,500	35,000	35,000	35,000
Nuclear security	3,500	3,500	—	—	—
Chornobyl shutdown initiative	—	1,500	—	—	—
Total, Nuclear Energy	84,500	84,500	47,000	35,000	35,000

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Independent assessment of DOE projects	—	—	35,000	35,000	—
Naval reactors					
Naval reactors development					
Operation and maintenance	641,130	641,130	626,920	626,920	623,600
GPN-101 General plant projects, various locations	8,200	8,200	9,000	9,000	9,000
Construction:					
98-D-200 Site laboratory/facility upgrade, various locations	—	—	5,700	5,700	7,000
97-D-201 Advanced test reactor secondary coolant system refurbishment, INEL, ID	400	400	4,600	4,600	—
95-D-200 Laboratory systems and hot cell upgrades, various locations	4,800	4,800	1,100	1,100	—
95-D-201 Advanced test reactor radioactive waste system upgrades, Idaho National Engineering Laboratory, ID	500	500	—	—	—
90-N-102 Expended core facility dry cell project, Naval Reactors Facility, ID	8,000	8,000	3,100	3,100	5,800
Total, Construction	13,700	13,700	14,500	14,500	12,800
Total, Naval reactors development	663,030	663,030	650,420	650,420	645,400
Program direction	18,902	18,902	20,080	20,080	20,100
Total, Naval reactors	681,932	681,932	670,500	670,500	665,500
Subtotal, Other defense activities	1,640,663	1,633,229	1,672,055	1,644,824	1,687,160
Adjustments:					
Use of prior year balances	-3,767	-3,767	-6,047	-6,047	—
Offset to user organizations	—	—	—	—	-20,000
Total, Adjustments	-3,767	-3,767	-6,047	-6,047	-20,000
Total, Other Defense Activities	1,636,896	1,629,462	1,666,008	1,638,777	1,667,160
Defense Nuclear Waste Disposal					
Defense nuclear waste disposal	200,000	200,000	190,000	190,000	190,000
Total, Atomic Energy Defense Activities	11,355,936	11,331,039	11,522,938	11,467,844	12,140,160

Account Title	FY 1997	FY 1997	FY 1998	FY 1998	FY 1999
	Current Approp.	Comparable Approp.	Current Approp.	Comparable Approp.	Request to Congress
Power Marketing Administrations:					
Alaska Power Administration					
Operating and maintenance/program direction	4,000	4,000	3,500	3,500	—
Capital asset acquisition	—	—	10,000	10,000	—
Total, Alaska Power Administration	4,000	4,000	13,500	13,500	—
Southeastern Power Administration					
Purchase power and wheeling	23,456	23,456	11,909	11,909	6,130
Program direction	3,989	3,989	4,313	4,313	4,370
Subtotal, Southeastern Power Administration	27,445	27,445	16,222	16,222	10,500
Use of prior year balances	-11,086	-11,086	-4,000	-4,000	-2,000
Total, Southeastern Power Administration	16,359	16,359	12,222	12,222	8,500
Southwestern Power Administration					
Operation and maintenance	2,293	2,293	2,382	2,382	2,722
Purchase power and wheeling	1,095	1,095	57	57	59
Construction	6,054	6,054	6,752	6,752	6,817
Program direction	18,362	18,362	17,309	17,309	16,402
Subtotal, Southwestern Power Administration	27,804	27,804	26,500	26,500	26,000
Use of prior year balances	-2,594	-2,594	-1,290	-1,290	—
Total, Southwestern Power Administration	25,210	25,210	25,210	25,210	26,000
Western Area Power Administration					
Construction and rehabilitation	29,764	29,764	24,243	24,243	20,802
Operation and maintenance	33,453	33,453	39,246	39,246	36,469
Purchase power and wheeling	74,235	74,235	54,886	54,886	53,886
Utah mitigation and conservation	5,432	5,432	5,592	5,592	5,036
Program direction	105,807	105,807	106,157	106,157	107,383
Subtotal, Western Area Power Administration	248,691	248,691	230,124	230,124	223,576
Use of prior year balances	-66,461	-66,461	-41,081	-41,081	-8,141
Transfer of current authority from DOI	3,774	3,774	5,592	5,592	—
Total, Western Area Power Administration	186,004	186,004	194,635	194,635	215,435
Falcon and Amistad Operating and Maintenance Fund					
Operation and maintenance	970	970	970	970	1,010

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Western Area Power Administration — Colorado River Basin Power Marketing Fund					
Power marketing — Colorado river basin					
Spending authority from offsetting collections					
Equipment, contracts and other related expenses	91,769	91,769	99,260	99,260	74,183
Program direction	28,662	28,662	25,526	25,526	26,478
Total, Spending authority from offsetting collections	120,431	120,431	124,786	124,786	100,661
Offsetting collections	-130,431	-130,431	-140,884	-140,884	-116,759
Total, Colorado River Basin	-10,000	-10,000	-16,098	-16,098	-16,098
Total, Power Marketing Administrations	222,543	222,543	230,439	230,439	234,847
 Federal Energy Regulatory Commission					
Federal energy regulatory commission	156,290	156,290	165,620	165,620	168,898
Use of prior year balances (FERC)	-10,000	-10,000	—	—	—
FERC revenues	-146,290	-146,290	-165,620	-165,620	-196,958
Total, Federal Energy Regulatory Commission	—	—	—	—	-28,060
 Nuclear Waste Disposal Fund					
Discretionary funding	119,965	119,965	93,520	93,520	129,511
Program direction	62,035	62,035	62,480	62,480	60,489
Total, Nuclear Waste Disposal Fund	182,000	182,000	156,000	156,000	190,000

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Fossil Energy Research and Development					
Coal					
Advanced clean fuels research					
Coal preparation	5,025	5,025	5,064	5,064	4,847
Direct liquefaction	4,955	4,955	5,816	5,816	2,800
Indirect liquefaction	4,151	4,151	4,223	4,223	5,800
Advanced research and environmental technology	1,700	1,700	741	741	1,481
Total, Advanced clean fuels research	15,831	15,831	15,844	15,844	14,928
Advanced clean/efficient power systems					
Advanced pulverized coal-fired powerplant ...	9,250	9,250	16,112	16,112	15,000
Indirect fired cycle	9,772	9,772	4,927	4,927	6,000
High-efficiency integrated gasified combined cycle	22,037	22,037	22,342	22,342	33,500
High-efficiency pressurized fluidized bed	17,461	17,461	17,875	17,875	14,638
Advanced research and environmental technology	9,239	9,239	12,734	12,734	22,400
Total, Advanced clean/efficient power systems ..	67,759	67,759	73,990	73,990	91,538
Advanced research and technology development					
Coal utilization science	3,117	3,117	3,030	3,030	5,330
Materials & components	4,938	4,938	5,225	5,225	6,225
Technology crosscut	5,458	5,458	5,477	5,477	7,177
University/national labs coal research	3,839	3,839	3,847	3,847	4,847
Total, Advanced research and technology development	17,352	17,352	17,579	17,579	23,579
Total, Coal	100,942	100,942	107,413	107,413	130,045
Petroleum					
Oil technology					
Exploration and production supporting research	29,107	29,107	30,635	30,635	31,546
Recovery field demonstrations	5,454	5,454	6,053	6,053	7,800
Effective environmental protection	5,337	5,337	6,361	6,361	10,820
Emerging processing technology applications	5,286	5,286	5,520	5,520	—
Total, Oil technology	45,184	45,184	48,569	48,569	50,166
Gas					
Natural gas research					
Exploration and production	13,772	13,772	13,932	13,932	13,432
Delivery and storage	975	975	993	993	1,000
Advance turbine systems	45,433	45,433	45,000	45,000	43,000
Utilization	5,697	5,697	7,808	7,808	7,308
Environmental research & regulatory analysis	2,580	2,580	3,267	3,267	2,617
Total, Natural Gas Research	68,457	68,457	71,000	71,000	67,357

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Fuel cells					
Advanced research	1,186	1,186	1,210	1,210	1,200
Molten carbonate systems	35,446	35,446	—	—	—
Advanced concepts	12,172	12,172	—	—	—
Fuel cells systems development	—	—	39,000	39,000	41,000
Total, Fuel cells	48,804	48,804	40,210	40,210	42,200
Total, Gas	117,261	117,261	111,210	111,210	109,557
Program direction and management support					
Headquarters program direction	14,396	14,396	14,659	14,659	15,099
ETC program direction	54,314	54,314	52,107	52,107	51,932
Total, Program direction & management support ...	68,710	68,710	66,766	66,766	67,031
Plant and capital equipment					
GP-F-100 General plant projects	2,000	2,000	2,532	2,532	2,600
Fossil energy environmental restoration	13,054	13,054	12,935	12,935	11,000
Cooperative research and development	5,432	5,432	5,840	5,840	5,836
Fuels conversion, natural gas and electricity	2,188	2,188	2,173	2,173	2,173
Advanced metallurgical processes—materials partnerships	5,000	5,000	4,965	4,965	5,000
Subtotal, Fossil Energy Research & Development	359,771	359,771	362,403	362,403	383,408
Use of prior year balances	-1,128	-1,128	—	—	—
Total, Fossil Research and Development	358,643	358,643	362,403	362,403	383,408
Alternative Fuels Production					
Interest from the Great Plains Project Trust	-4,000	-4,000	-1,500	-1,500	-1,300
Naval Petroleum & Oil Shale Reserves					
Naval petroleum reserves					
Reserves 1 and 2 (California)	119,050	119,050	89,500	89,500	3,594
Reserve 3 (Wyoming)	8,400	8,400	8,500	8,500	10,180
Program direction	22,636	22,636	7,800	7,800	6,876
Total, Naval petroleum reserves	150,086	150,086	105,800	105,800	20,650
Naval oil shale reserves	1,400	1,400	1,200	1,200	1,850
Subtotal, Naval petroleum & oil shale reserves	151,486	151,486	107,000	107,000	22,500
Use of prior year balances	-7,700	-7,700	—	—	—
Total, Naval Petroleum & Oil Shale Reserves	143,786	143,786	107,000	107,000	22,500
Elk Hills School Lands Fund					
California teachers' pension fund payment	—	—	—	—	36,000

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Energy Conservation					
Energy Conservation R&D					
Transportation sector					
Technology deployment	—	10,618	11,775	11,775	16,250
Advanced automotive technologies	—	102,717	113,296	113,296	144,646
Advanced heavy vehicle technologies	—	19,129	25,600	25,600	44,200
Alternative fueled vehicles	25,937	—	—	—	—
Electric drive vehicle technologies	92,097	—	—	—	—
Transportation materials technologies	32,256	32,256	35,000	35,000	31,800
Combustion engine research and development	14,430	—	—	—	—
Implementation and program management ..	7,737	7,737	7,600	7,600	9,200
Total, Transportation sector	172,457	172,457	193,271	193,271	246,096
Industry sector					
Industries of the future (specific)	45,332	45,332	53,078	53,078	76,000
Industries of the future (crosscutting)	38,378	38,378	49,120	49,120	49,400
Technology access	24,827	24,827	26,299	26,299	32,000
Management	6,887	6,887	7,700	7,700	9,159
Total, Industry sector	115,424	115,424	136,197	136,197	166,559
Federal energy management program					
Federal energy management program activities	18,000	18,000	18,000	18,000	30,968
Program direction	1,800	1,800	1,800	1,800	2,900
Total, Federal energy management program	19,800	19,800	19,800	19,800	33,868
Building technology, state and community sector—non-grants					
Building systems design	21,720	23,255	22,986	22,986	36,373
Building equipment and materials	26,080	26,080	26,921	26,921	46,181
Codes and standards	13,345	11,810	14,423	14,423	22,573
State and local partnership programs					
Competitive energy partnerships	1,576	1,576	1,600	1,600	6,600
Management and planning	17,333	17,333	12,850	12,850	14,718
Total, Building technology, state & community sector—non-grants	80,054	80,054	78,780	78,780	126,445
Policy and management	26,403	26,403	28,580	28,580	44,432
Total, Energy conservation R&D	414,138	414,138	456,628	456,628	617,400
Building technology, state, and community sector—grants					
State and local partnership programs					
Weatherization assistance program	120,845	120,845	124,845	124,845	154,100
State energy program	29,000	29,000	30,250	30,250	37,000
Total, Building technology, state & community sector—grants	149,845	149,845	155,095	155,095	191,100
Subtotal, Energy Conservation	563,983	563,983	611,723	611,723	808,500

Account Title	FY 1997 Current Approp.	FY 1997 Comparable Approp.	FY 1998 Current Approp.	FY 1998 Comparable Approp.	FY 1999 Request to Congress
Use of nonappropriated escrow funds (PODRA) in SLAP	-29,997	-29,997	-20,611	-20,611	-35,000
Use of prior year balances	-480	-480	—	—	—
Total, Energy Conservation	533,506	533,506	591,112	591,112	773,500

Economic Regulation

Office of hearings and appeals	2,725	2,725	2,725	2,725	1,801
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Strategic Petroleum Reserve

SPR—Facilities development

Storage facilities development	193,000	193,000	191,500	191,500	145,120
SPR decommissioning	—	—	—	—	15,000
Management	16,000	16,000	16,000	16,000	—
Total, SPR—Facilities development	209,000	209,000	207,500	207,500	160,120

SPR petroleum account

Transfer of PY balances from the petroleum acct	—	—	-207,500	-207,500	—
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Proceeds from sale of Weeks Island Oil, SPR decommissioning

Proceeds from sale of Weeks Island Oil, SPR decommissioning	-219,918	-219,918	—	—	—
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Total, Strategic Petroleum Reserve	-10,918	-10,918	—	—	160,120
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Energy Information Administration

National energy information system	66,120	66,120	66,800	66,800	70,500
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Clean Coal Technology

Advance appropriation — round 4	15,000	15,000	—	—	—
Advance appropriation — round 5	255,879	255,879	—	—	—
Advance appropriation	-150,000	-150,000	—	—	—
Appropriation	-123,000	-123,000	-101,000	-101,000	-40,000
Total, Clean Coal Technology	-2,121	-2,121	-101,000	-101,000	-40,000

Uranium Enrichment D&d Fund Discretionary Payments

Transfer payment from Defense ER&WM	-376,648	-376,648	-388,000	-388,000	-398,088
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Fees and Recoveries, Federal Energy Regulatory Commission

Fees & recoveries in excess of annual appropriations	-46,049	-46,049	-22,000	-22,000	—
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